Info-Hams Digest   Tue, 26 Jul 94   Volume 94 : Issue 840

Today's Topics:
                       * SpaceNews 25-Jul-94 *
                      Antenna Lead Feed-Thru
                            Atlas 310
                      Did CB's used to require
                  Did CB's used to require licenses?
                        Elmers, please read
                             FAQ??
                       GPS Mapping software
                  HTX-202 Extended Rcv (2 msgs)
                         HW-101 for sale
               Mounting HT to Mountain Bike ??? (2 msgs)
                    New General Pool for Autoexam
                     Outgoing QSL Info Needed
                         RS Freq Counter?
                     U.S. op in Canada? More ?
                       W1AW Code Schedule
                 Why is 1750Hz tone used in Europe?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

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> * STS-65 SAREX INFO *
> ====================
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Just curious...

Did anyone actually make a voice QSO with STS-65? I heard of lots of SAREX
contacts with schools, and a few non-school Packet contacts, but none of
us plain ol' People (FM Voice) contacts.

Greg KD6KGW

Date: 25 Jul 1994 17:08:54 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!
col.hp.com!jwc@network.ucsd.edu
Subject: Antenna Lead Feed-Thru
To: info-hams@ucsd.edu

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: In article <25JUL199407363636@ariel.lerc.nasa.gov>,
:   edjcb@ariel.lerc.nasa.gov (Jeff Brown) writes:

: |> I'm building a new house and have selected a second floor location
: |> for my shack. I'm looking for feed-thru ideas for the outside wall,
: |> for, say, three RG-8 size and one ladder lead. I'll have 2x6 walls.
: |> I know this has been hashed over here before, but I didn't save
: |> the threads. Many thanks for your suggestions.

: I've always found that a piece of PVC piping, 1" or so in diameter, angled
: down at each end, ie:

```
:              Wall
:               ||
: Outside    /------\  Shack
:               ||
```

    For lightening protection I suggest using metal conduit and use 90 degree
turn outside. Ground the conduit outside.

    John, N0KIC

Date: 25 Jul 94 13:39:08 GMT
From: news-mail-gateway@ucsd.edu
Subject: Atlas 310
To: info-hams@ucsd.edu

One of my friends has an order in for a 310 for many many months
Atlas is having trouble gettting the spurs out of it's
DDS synthesiser.....my friend is in no rush...when he gets the 310
I hope to put on the bench and see how it works

Clark Fishman WA2UNN   cfishman@pica.army.mil

Date: Mon, 25 Jul 94 17:12:00 -0400
From: news.sprintlink.net!coyote.channel1.com!channel1!alan.wilensky@uunet.uu.net
Subject: Did CB's used to require
To: info-hams@ucsd.edu

FA>time that I had a CB license, but I don't remember if they were
FA>actually *required* or not. It seems like the CB bands were fairly
FA>well-behaved (politeness-wise) at that time, but it sounds like
FA>they are pretty chaotic now (I haven't listened since 75). This
FA>brings up the following question:

When I was about 13 yo., I had a nice Hallicrafters tube CB base. This
must have been around '74. At that time the band sounded very much like
2 meters.

On channels one through eight, you used a handle. On 10 through 19, I
think, we used licensed call signs. No one I knew at that time did not
have a real call sign. Many of these folks were older (to me) hams.

I became friends with many of these people, back then, and despite the
fact that I was only 13, they invited me to get togethers, antenna
parties, etc.

I miss that radio, It used to really 'clack', when I put the key down.

FA>Why are the Ham bands more polite and well-behaved than the CB bands?
FA>Is it
FA>A)   The Ham license requirements force people to learn rules and
FA>require a greater commitment
FA>B) The type of people who tend to use CB's are just "different" :)
FA>C) The Ham's set a better example than the CB'ers.
FA>D) The Ham's know they are accountable for their actions via their
FA>registered licenses, so they behave.

AS far as the ham bands being more polite....have you been up on 2m in
Boston? Maybe more orderly, but certainly not polite! 440 seems much
more civil.

In my opinion, the amateur VHF bands could go the way of CB in the blink
of an eye. But interestingly enough, there is a group of 11 meter SSB
folks that self license, and seem to have a level of decorum not found
on CB.

Also, the bar to operation on VHF is a little higher than CB, due to
cost. But a renegade using used gear could go unlicensed and cause
trouble. Its very hard to find sporadic portable activity.

FA>I would be interested in hearing anyone's thoughts on this. I'm not
FA>trying to start a CB vs Ham flame war, I'm just trying to learn the
FA>real effect of requiring licenses vs not requiring them.

The VHF ham bands are very usable, and entertaining, and you get a
chance to join various repeater clubs etc. It seems there is more glue
in ham radio than CB.

Ah, but that old Hallicrafters.....

Alan Wilensky, N1SSO
General Manager
Interactive Workplace Division
Vicom, LTD.
Phone: Edmonton Office
11603 165 St.
abm@world.std.com

≥ CmpQwk ⌗UNREG≥ UNREGISTERED EVALUATION COPY

Date: 25 Jul 1994 15:40:53 -0400
From: news1.digex.net!digex.net!not-for-mail@uunet.uu.net
Subject: Did CB's used to require licenses?
To: info-hams@ucsd.edu

In article <fkilpatr.775148334@afit.af.mil>, Freeman A. Kilpatri wrote:
>
> Why are the Ham bands more polite and well-behaved than the CB bands?
> Is it
> A)   The Ham license requirements force people to learn rules and
> require a greater commitment
> B) The type of people who tend to use CB's are just "different" :)
> C) The Ham's set a better example than the CB'ers.
> D) The Ham's know they are accountable for their actions via their
> registered licenses, so they behave.
> E) ?
>

> I would be interested in hearing anyone's thoughts on this. I'm not
> trying to start a CB vs Ham flame war, I'm just trying to learn the
> real effect of requiring licenses vs not requiring them.
> --
> Alex Kilpatrick fkilpatr@afit.af.mil

A, B, and D are probably the most accurate. It's an earned priviledge,
not payed for by $$ but earned through technical merit, albeit the modern
tests are easy compared to those 20 years ago. When you put effort into
earning a priviledge (ie; sweat), you tend to respect the effort of
others also. Besides, laying out >$1000 for a new station/antennas, etc,
is incentive to keeping the airwaves clean. (IMHO).

Andy

Date: 25 Jul 1994 13:46:40 GMT
From: athos.cc.bellcore.com!briscas.gamekeeper.bellcore.com!papo@uunet.uu.net
Subject: Elmers, please read
To: info-hams@ucsd.edu

I agree. Specially when you are learning code. I might be
one of those lucky (?!) despicable No code techs, ex-CBers, that are
putting their act together and learning the acient art of learning Sam's Code.
I already went through 3 out of 4 sides of the tapes and I have a computer
random code generator for my Amiga. After spending all this time
learning those dit's and dahts and spending enough time
receiving non intelligent QSO's from my computer I decided
to venture the airwaves with my trusty SW radio. (I already knew the
whole alphabet, numbers and most of the punctuation marks so I said,
"What can I loose.. ") Went to 10 Meters.. nothing.. scanned up and down..
nothing.. Hmm. went up to 15 meter.. aha! some poor soul sending code. So I
sat down.. and copy.. and copy more letters.. and well.. I read it back
and it did not make sense to me. Show it to my girlfriend and
it did not make sense to her either. So I sat down and tried
to figure out by context. Some I could make it but between my
lack of code experience (well, maybe .. because of my lack of code
experience) and what Greg states. Anyway.. I went through 20 meter. Well
needless to say that I was able to pick a letter here and there but between
the time I figured out the letter and the time to write it down, about 5
more letters passed.

But I will not give up. I have 'till the 25th of August to take the
morse test. I do not think I'll be able to crank up to 13 WPM but you
never know. I'll continue scanning the dial every night and copy what
I can.

I'll be listening.. (I just got my callsign last friday, I have not bought a rig
yet.)

'73
--
Luis Roberto Anaya   papo@donuts0.bellcore.com
A True PL/1 Hacker   papo@briscas.gamekeeper.bellcore.com
Bellcore, NJ   Ham: N2ZXE

Date: 25 Jul 1994 22:50:43 GMT
From: cs.utexas.edu!chpc.utexas.edu!news.utdallas.edu!haga1774@uunet.uu.net
Subject: FAQ??
To: info-hams@ucsd.edu

I just started reading this group, and the FAQ doesn't seem to be posted,
nor does an ftp site for it. Can anyone help me?

Jeb

--
  _____ _____ _____   _____ ____haga1774@utdallas.edu_____
 _| | ___| __ \ | | | _ | ___| _ | | | In vino
| | ___| __ < | | | | |_ | | | veritas--
|_____|_____|_____/ |___|___|___|___|_____|___|___|__|____| --Pliny

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Date: 25 Jul 1994 15:16:24 -0700
From: news.sprintlink.net!bethel.connected.com!hebron.connected.com!not-for-
mail@uunet.uu.net
Subject: GPS Mapping software
To: info-hams@ucsd.edu

About six months ago i downloaded some software from an FTP site (UCSD.EDU?)
that allowed a DOS machine to graphically map position from either a GPS, Loran
or Packet repeater network. I am not sure of all the details other than I
managed to erase the software and now I would like to take a second look
at it. If anyone could help me with the name of the software and or the FTP
site to look for it I would appreciate it greatly

Matt Wing

Date: Mon, 25 Jul 1994 14:53:02 GMT
From: ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu

Subject: HTX-202 Extended Rcv
To: info-hams@ucsd.edu

In article <310dio$gb6@booz.bah.com> k1zat@booz.bah.com (J. D. Delancy) writes:
>Has anyone come up with a modification to the Radio Shack
>HTX-202 for extended receive below 144 and above 148? If
>so, how did you do it?

There's only one way. First you gut out that nice narrow *amateur
band only* circuit board, and then gut a handheld scanner and put
those guts in the HTX-202 case.

The HTX-202 is designed with a very narrow front end so that it
performs properly on the ham bands, unlike most other amateur
HTs that favor being scanners over being good communications
radios. The HTX-202 is not intended as a wide band scanner, and
attempts to make it one will only ruin it.

Gary
--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Mon, 25 Jul 1994 18:33:37 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!csusac!
csus.edu!netcom.com!greg@network.ucsd.edu
Subject: HTX-202 Extended Rcv
To: info-hams@ucsd.edu

In article <1994Jul25.112413.2682@hnrc.tufts.edu> jerry@hnrc.tufts.edu (Jerry
Dallal) writes:
>In article <310dio$gb6@booz.bah.com>, k1zat@booz.bah.com (J. D. Delancy) writes:
>> Has anyone come up with a modification to the Radio Shack
>> HTX-202 for extended receive below 144 and above 148? If
>> so, how did you do it?
>
>Only one extended RX modification has been posted:
>(1) Sell 202.
>(2) Use proceeds towards the purchase of something else.

The side effect of the mod, of course, is often increased susceptability
to out-of-band IMD on receive.

Greg

Date: 25 Jul 1994 16:40:00 -0500
From: cs.utexas.edu!not-for-mail@uunet.uu.net
Subject: HW-101 for sale
To: info-hams@ucsd.edu

Greetings! Sorry if this is a re-post, but we have new news software
and I am not entirely sure that the previous post went through.
Since my other heathkit sold in about an hour, I'm offering my other
up for sale. It includes:

Heathkit HW101 80-10m SSB/CW transceiver 100% funtional
Optionnal 400 hz CW filter
HP23 matching power supply
HP13 DC power interface

Astatic D-104 desk mike with pre-amp
All manuals

Best Offer

73 de Dave, n9uxu
dave@flowserver.stem.com
(415) 967-1451

Date: Mon, 25 Jul 1994 12:45:02 GMT
From: ihnp4.ucsd.edu!galaxy.ucr.edu!library.ucla.edu!agate!howland.reston.ans.net!
swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
Subject: Mounting HT to Mountain Bike ???
To: info-hams@ucsd.edu

In article <kleite-240794211136@155.95.178.238> kleite@sentry.ndhm.gtegsc.com
(Keith J. Leite) writes:
>Hi,
>   And thanks for reading my post, I recently just bought a Mountain bike and
>have been doing alot of back woods riding. I have not been carrying my HT,
>because I wanted to figure out a way to mount it to the bike. I was
>wondering if any of you out there have done this and if so if you could
>shoot some idea's this way.
>
> I was thinking of something on the handle bars , I am using the Yaesu
>FT-470. Is there some kinda bracket that can be attached ??? maybe with
>some velcro ???
>I think it would be a good idea to carry something into the woods just for

>emergency sake. Thanks for any help.

The jolting a bike frame gets from off road riding won't be good for
the radio. I suggest you get a chest pouch for the radio and keep it
on your body instead. Try to protect it when you fall. :-)

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: 25 Jul 1994 17:59:52 GMT
From: news.columbia.edu!merhaba.cc.columbia.edu!ad52@rutgers.edu
Subject: Mounting HT to Mountain Bike ???
To: info-hams@ucsd.edu

Keith (and anyone else bicycle mobile):

I ride a road bike, but find there's a considerable amount of vibration,
even on smooth roads. I imagine there would be a lot more on a
mountain bike. Also, I've fallen on my HT once while biking, so I
decided to protect it more thoroughly. Basically, the way to get
around the vibration problem is to put the HT on your body. I now
use a leather tool holster (available from Sears for about $5) and
clip the HT to my belt, inside the holster. There are also chest
harnesses available, like the ones used by the Ski Patrol. Hook
up your speaker/mic and an earphone (always leave one ear open when
cycling!) and you should be set. Another alternative, which I use
sometimes when touring, is to simply pack the radio away inside a
pannier, away from the elements, and use it only when stopped.

If you do decide to mount it on the bike, make sure your mounting
system includes some serious shock absorption, like maybe a thick
foam pad, under the HT. Otherwise you might shorten its life
considerably. Enjoy.

        --Alan

Date: 25 Jul 1994 21:06:20 GMT
From: ihnp4.ucsd.edu!swrinde!emory!nntp.msstate.edu!Ra.MsState.Edu!
cll4@network.ucsd.edu

Subject: New General Pool for Autoexam
To: info-hams@ucsd.edu

I have just completed converting the new General pool to work with Autoexam.
Anyone who is interested should send me email, and I will send you the
uuencoded file. If you would prefer plain-text, let me know.

I also have the Novice and Technician pools that were renewed last year
available.

Thanks and 73
Craig

--

 Craig Lindsey - KC5AUG | My politics are simple: Always go right. If
 Internet: cll4@ra.msstate.edu| you go left, you can never go right, and if
 Bitnet: cll4@msstate.bitnet| you go right, you never go wrong. -Grizzard
 Office: Allen 38 |
 Office Phone : (601)325-8553 |

Date: 25 Jul 1994 18:20:25 GMT
From: news1.hh.ab.com!icd.ab.com!bjp@uunet.uu.net
Subject: Outgoing QSL Info Needed
To: info-hams@ucsd.edu

I'm a member of the ARRL and live in the 8th call district.
How many cards can I send per entry and do I include any money?

Please E-mail me at above address!!

73,

Brian (N8RPA)

Date: 25 Jul 94 20:22:35 GMT
From: news-mail-gateway@ucsd.edu
Subject: RS Freq Counter?
To: info-hams@ucsd.edu

I never did laugh at the RS counter and I did own one for a short time. It had

some good points, but I let mine go because of a couple of less desirable
points.

The frequency accuracy appeared to be within the published spec. But, what I
didn't care for was the constantly rolling digits at low or no signal and the
rather poor sensitivity. The size, although larger than the competitors, was
reasonable and the fact that it operated OK off of nicad cells.

Bottom line, I bought Star Tek and am now much happier!

Hugh Wells,   W6WTU

Date: Mon, 25 Jul 94 11:07:16 PDT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!howland.reston.ans.net!cs.utexas.edu!
csc.ti.com!tilde.csc.ti.com!sislnews.csc.ti.com!usenet@network.ucsd.edu
Subject: U.S. op in Canada? More ?
To: info-hams@ucsd.edu

In article <1994Jul24.111547.1@ccsua.ctstateu.edu>, <white@ccsua.ctstateu.edu>
writes:
>
>
> What about sales receipts for gear broungt into/out-of Canada? I've heard
> that all gear must be accompanied by the original sales receipts. True??
> Harry/N1QVE
>
Harry: I don't recall Canadian authorities asking for proof of
purchase the three times I took gear into Canada, but be advised that
upon returning to the U.S. customs might. If you are audited
by Customs when returning to the U.S. they might ask you to
prove that your foreign-manufactured equipment was indeed
purchased in the U.S. You can use receipts or get a Custom's
form before leaving the U.S.

You can take amateur radio equipment into Canada with no
trouble, usually. The gotcha is when the Customs person
is unaware of the law. The ARRL can provide you with the
law paragraph. I had to use it once when the Customs official
saw my Yaesu box.

Worry about cameras too.

73, Bob Winn, W5KNE, etc.
w5kne@mcimail.com

This sked is posted for the returning ham who asked about it, and for
folks who could not find QST "down ta the Sevumlemum".

Morse Code Transmissions

Frequencies
1.818, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 147.555 MHz
Slow Code = practice sent at 5, 7.5, 10, 13, and 15 wpm
Fast Code = preactice sent at 35, 30, 25, 20, 15, 13, 10 wpm

Text is from the pages of QST. Source is given at the beginning of the
practice session. Code bulletins are sent at 18 wpm.

Sked is at the same LOCAL TIME throughout the year. Your time will change
if your local time does not have seasonal adjustments. e.g EDT=UTC-4

All times Eastern
 9 AM   Fast Code - Tuesday (T), Thursday (R)
           Slow Code - Wednesday (W), Friday (F)
10 AM   Code Bulletin Daily
 4 PM   Fast Code - M, W, F
           Slow Code - Sunday (U), T, R, Saturday (S)
 5 PM   Code Bulletin Daily
 7 PM   Fast Code - U, T, R, S
           Slow Code - M, W, F
 8 PM   Code Bulletin Daily
10 PM   Fast Code - M, W, F
           Slow Code - U, T, R, S
11 PM   Code Bulletin Daily

This material is derived from the August 1994 issue of QST, (c) 1994 ARRL
I am responsible for transcription errors, but I was real careful, honest.
--
Stan Olochwoszcz, N2AYJ - n2ayj@n2ayj.overleaf.com
"This whole dot-dash concept sounds interesting, Mr. Vail. Why don't you let
me look over your notes on the train to the Patent Office?" - S.F.B. Morse?

Subject: Why is 1750Hz tone used in Europe?
To: info-hams@ucsd.edu

In article <30vo14$s7b@news.iastate.edu> jdwhite@iastate.edu (Jason White) writes:
>   I'm simply curious as to why a 1750Hz tone is used to access European
> repeaters.

1750 Hz is an easy frequency to hit by giving a short whistle into
the mic (if you're talking about tone-burst). Some US repeaters used
to require a brief whistle (or tone) to bring up the machine.

NH6IL jeffrey@math.hawaii.edu

End of Info-Hams Digest V94 #840
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